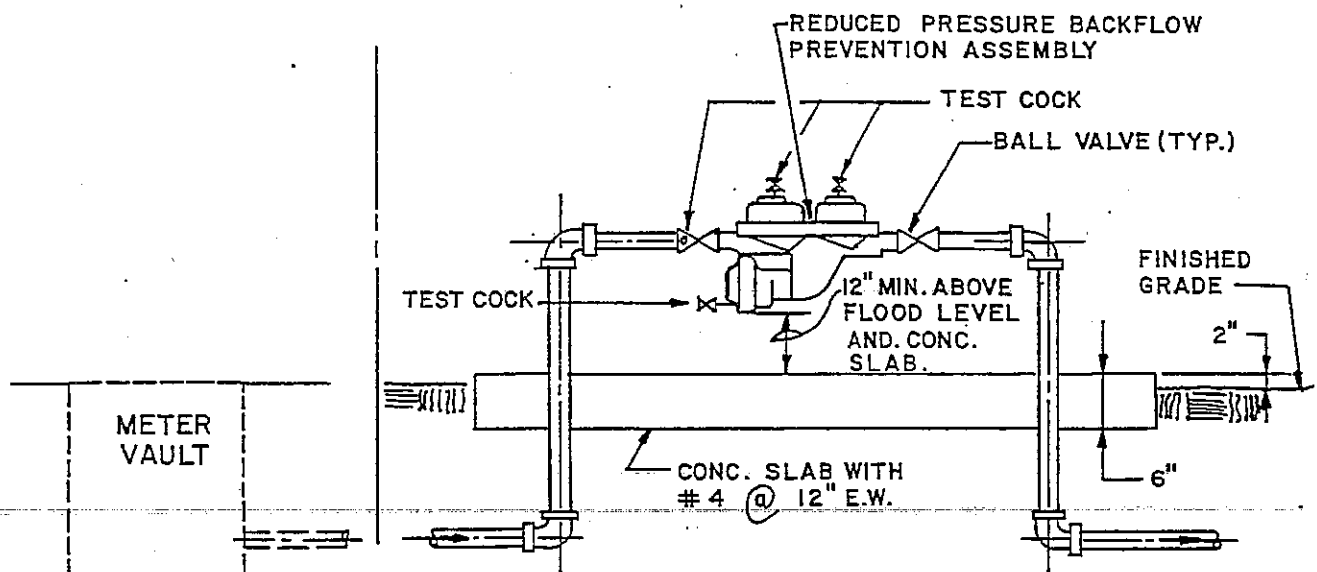
PLAN VIEW

N.T.S.

ELEVATION VIEW

N.T.S.

GUARD POST DETAIL	WS4.5	
ITEM	CROSS REF.	SPEC. REF.

**MIAMI-
DADE**
WATER & SEWER
DEPARTMENT

APPROVED
01/04/99

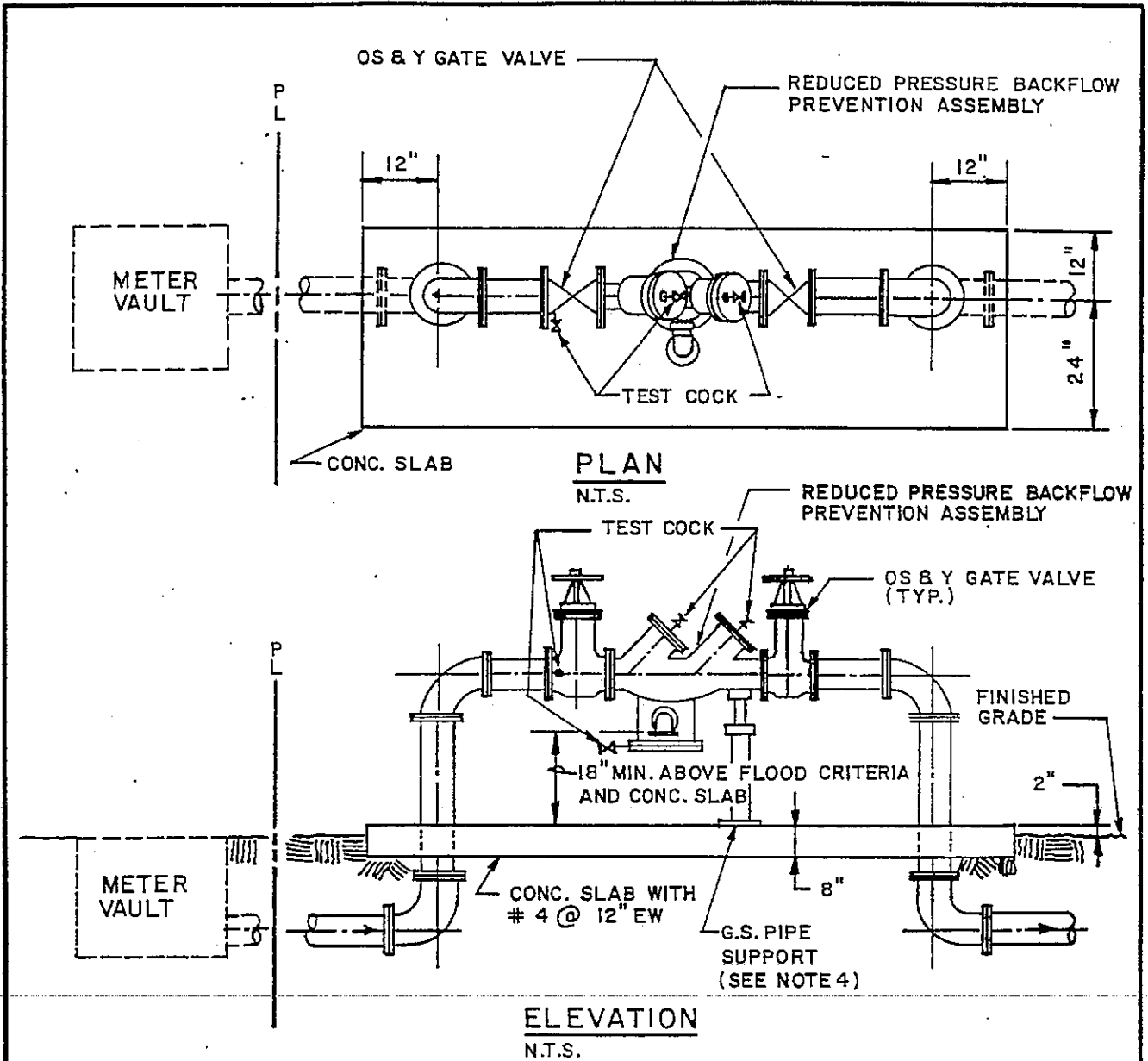
[Signature]

REVISED

STANDARD DETAIL
REDUCED PRESSURE ZONE
BACKFLOW PREVENTER
FOR WATER SERVICE
- 3/4" THRU 2"

**WS
4.18**
SHEET 1 OF 4

A.A.A.



GUARD POST DETAIL		WS4.5	
ITEM	CROSS REF.	SPEC. REF.	

A.A.A.


MIAMI-DADE WATER & SEWER DEPARTMENT	APPROVED 01/04/99 	REVISED _____ _____ _____	STANDARD DETAIL REDUCED PRESSURE ZONE BACKFLOW PREVENTER FOR WATER SERVICE -2 1/2" THRU 10"	WS 4.18 SHEET 2 OF 4

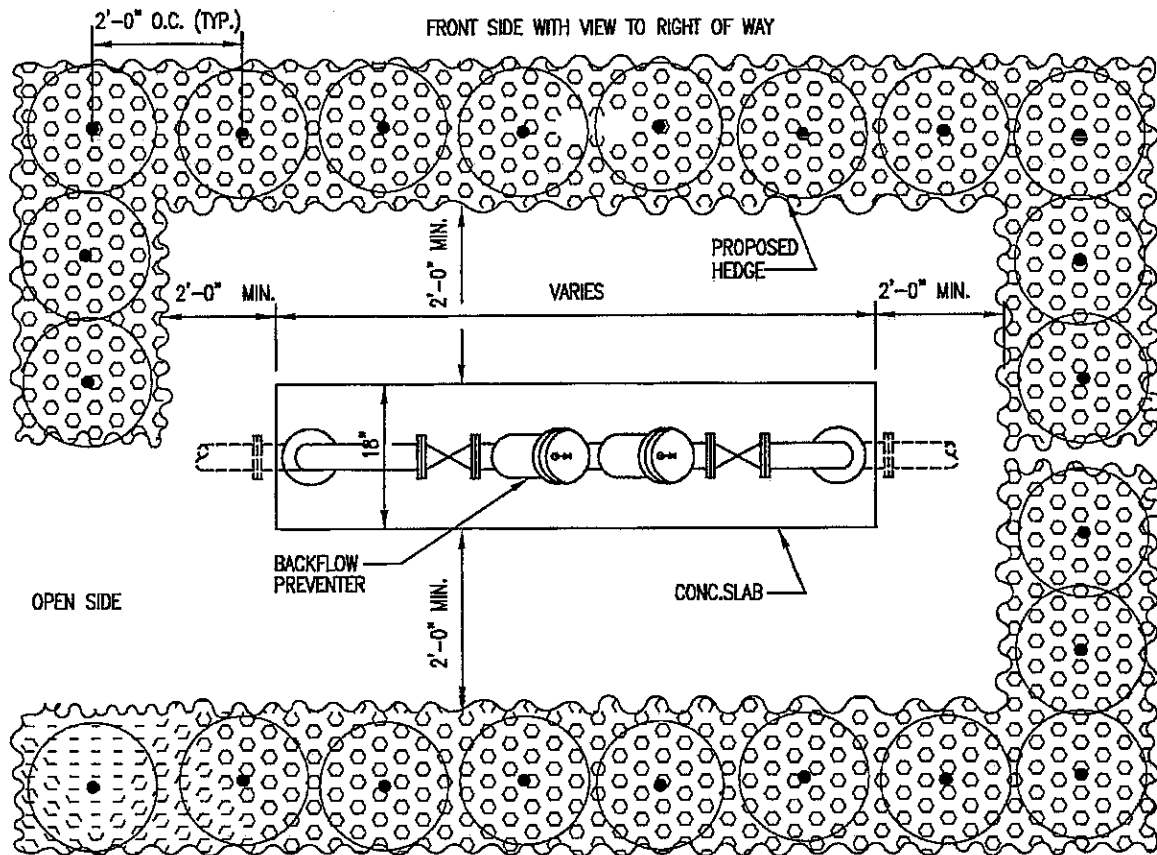
NOTES:

1. THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 30 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
2. GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE DEPARTMENT, OR THE WASD INSPECTOR.
3. THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE DEPARTMENT AND THE WASD INSPECTOR.
4. ADJUSTABLE PIPE SADDLE SUPPORT (GRINNELL FIG. 264, OR EQUAL) SIZED TO FIT CURVATURE OF DOUBLE DETECTOR CHECK VALVE ASSEMBLY, WITH GALVANIZED STEEL PIPE AND FLOOR FLANGE. ATTACH FLOOR FLANGE TO CONCRETE SLAB WITH GALVANIZED EXPANSION BOLTS.
5. THE DEPARTMENT SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE BACKFLOW PREVENTION ASSEMBLY.
6. PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE WITH GALVANIZED MALLEABLE IRON THREADED FITTINGS. PIPING 2-1/2" AND LARGER SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS. ALL PIPING SHALL BE IN ACCORDANCE WITH WASD CONSTRUCTION SPECIFICATIONS FOR DONATION WATER MAINS. PVC PIPING NOT ACCEPTED BY WASD.
7. ALL EXPOSED METALLIC THREADS SHALL BE PAINTED WITH BITUMASTIC PAINT.
8. ALL OUTLETS SHALL BE PLUGGED WITH BRASS PLUGS.
9. ALL ABOVE GROUND PIPING AND EQUIPMENT, EXCEPT FOR BRASS AND STAINLESS STEEL PORTIONS, SHALL BE FINISHED WITH BLUE ENAMEL PAINT (KOP-COAT 0508 LEAD-FREE), IN ACCORDANCE WITH DEPARTMENT STANDARDS.

GUARD POST DETAIL	WS4.5	
ITEM	CROSS REF.	SPEC. REF.

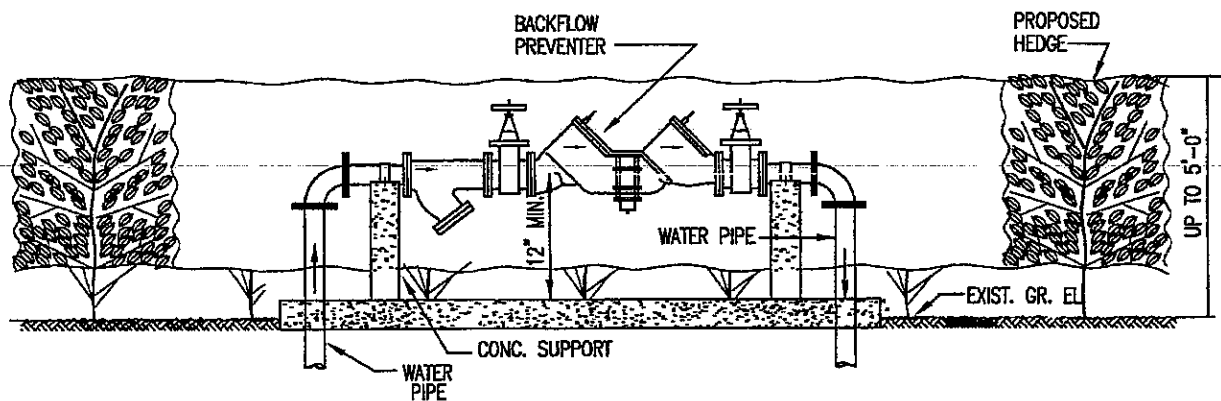
A.A.A.

MIAMI- DADE WATER & SEWER DEPARTMENT	APPROVED 01/04/99 	REVISED _____ _____ _____	STANDARD DETAIL REDUCED PRESSURE ZONE BACKFLOW PREVENTER FOR WATER SERVICE - NOTES -	W S 4.18 SHEET <u>3</u> OF <u>4</u>



BACKFLOW PREVENTER TOP VIEW

SCALE: N.T.S.



BACKFLOW PREVENTER LONGITUDINAL SECTION

SCALE: N.T.S.

TYPICAL SHRUB CHOICES:

- 1.-JAPANESE BOXWOOD (*BUXUS MICROPHYLLA JAPONICA*).
- 2.-ENGLISH BOXWOOD (*BUXUS SEMPERVIRENS*).
- 3.-JAPANESE PRIVET (*LIGUSTROM JAPONICUM*).
- 4.-SILVER BERRY (*ELAAGNUS DUNGENS*).
- 5.-WAX MYRTLE (*MYRTICA CERIFERA*).
- 6.-SILVER BUTTONWOOD (*CONOCARPUS ERECTUS SERICEUS*).
- 7.-GREEN BUTTONWOOD
- 8.-CAMELLIA HEDGE

NOTE:

1. IF DOMESTIC BACKFLOW PREVENTER AND FIRE SERVICE ARE GOING TO BE USED TOGETHER, THE LANDSCAPE SHALL BE PROVIDED TO SCREEN BOTH DEVICES.
2. LANDSCAPING IS REQUIRED AS PER CHAPTER 32, SECTION 32-157(d) OF THE MIAMI-DADE COUNTY CODE.

MIAMI-DADE
WATER & SEWER
AUTH. DEPT.

APPROVED

REVISED
04-30-04

STANDARD DETAIL
**TYPICAL LANDSCAPE DETAIL
FOR DOMESTIC WATER SERVICE
LINES AND FIRE SERVICES**

WS
4.18
SHEET 4 OF 4